

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|--------------------------------|------------------|---------|------------------|
| L1 | 1351 | 548/467,470;546/210.ccls. | USPAT | OR | ON | 2007/06/08 11:07 |
| L2 | 62 | ROS with scavenger | USPAT | OR | ON | 2007/06/08 11:09 |
| L3 | 0 | I1 and I2 | USPAT | OR | ON | 2007/06/08 11:10 |
| L4 | 680 | beta-agonist | USPAT | OR | ON | 2007/06/08 11:10 |
| L5 | 8 | I4 and I1 | USPAT | OR | ON | 2007/06/08 11:10 |
| S1 | 94 | ("20010041190" "20020006901" "20020034477" "20040147598" "4166452" "4256108" "4265874" "4992474" "5277195" "5320094" "5327883" "5364833" "5364838" "5404871" "5419315" "5492112" "5506203" "5518998" "5558085" "5577497" "5622166" "5645051" "5654007" "5655523" "5661130" "5672581" "5686878" "5700904" "5743250" "5780014" "5821259" "5824669" "6060069" "6083993" "6124319" "6232331" "6238647" "6241969" "6248895" "6254882" "6297762" "6299863" "6335316" "6369071" "6448267" "6455542" "6492405" "6642260" "6759430" "RE37116").PN. | US-PGPUB; USPAT; DERWENT | OR | ON | 2007/03/19 11:03 |
| S2 | 17 | haj-yehia.in. | USPAT; DERWENT | OR | ON | 2007/06/05 16:12 |
| S3 | 8 | haj-yehia.in. | USPAT | OR | ON | 2007/06/05 16:13 |

Application No: 10/512,024

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

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NEWS 1 Web Page for STN Seminar Schedule - N. America
NEWS 2 JAN 08 CHEMLIST enhanced with New Zealand Inventory of Chemicals
NEWS 3 JAN 16 CA/CAplus Company Name Thesaurus enhanced and reloaded
NEWS 4 JAN 16 IPC version 2007.01 thesaurus available on STN
NEWS 5 JAN 16 WPIDS/WPINDEX/WPIX enhanced with IPC 8 reclassification data
NEWS 6 JAN 22 CA/CAplus updated with revised CAS roles
NEWS 7 JAN 22 CA/CAplus enhanced with patent applications from India
NEWS 8 JAN 29 PHAR reloaded with new search and display fields
NEWS 9 JAN 29 CAS Registry Number crossover limit increased to 300,000 in multiple databases
NEWS 10 FEB 15 PATDPASPC enhanced with Drug Approval numbers
NEWS 11 FEB 15 RUSSIAPAT enhanced with pre-1994 records
NEWS 12 FEB 23 KOREAPAT enhanced with IPC 8 features and functionality
NEWS 13 FEB 26 MEDLINE reloaded with enhancements
NEWS 14 FEB 26 EMBASE enhanced with Clinical Trial Number field
NEWS 15 FEB 26 TOXCENTER enhanced with reloaded MEDLINE
NEWS 16 FEB 26 IFICDB/IFIPAT/IFIUDB reloaded with enhancements
NEWS 17 FEB 26 CAS Registry Number crossover limit increased from 10,000 to 300,000 in multiple databases
NEWS 18 MAR 15 WPIDS/WPIX enhanced with new FRAGHITSTR display format
NEWS 19 MAR 16 CASREACT coverage extended
NEWS 20 MAR 20 MARPAT now updated daily
NEWS 21 MAR 22 LWPI reloaded
NEWS 22 MAR 30 RDISCLOSURE reloaded with enhancements
NEWS 23 APR 02 JICST-EPLUS removed from database clusters and STN
NEWS 24 APR 30 GENBANK reloaded and enhanced with Genome Project ID field
NEWS 25 APR 30 CHEMCATS enhanced with 1.2 million new records
NEWS 26 APR 30 CA/CAplus enhanced with 1870-1889 U.S. patent records
NEWS 27 APR 30 INPADOC replaced by INPADOCDB on STN
NEWS 28 MAY 01 New CAS web site launched
NEWS 29 MAY 08 CA/CAplus Indian patent publication number format defined
NEWS 30 MAY 14 RDISCLOSURE on STN Easy enhanced with new search and display fields
NEWS 31 MAY 21 BIOSIS reloaded and enhanced with archival data
NEWS 32 MAY 21 TOXCENTER enhanced with BIOSIS reload
NEWS 33 MAY 21 CA/CAplus enhanced with additional kind codes for German patents
NEWS 34 MAY 22 CA/CAplus enhanced with IPC reclassification in Japanese patents

NEWS EXPRESS NOVEMBER 10 CURRENT WINDOWS VERSION IS V8.01c, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 25 SEPTEMBER 2006.

Application No: 10/512,024

| | |
|------------|---|
| NEWS HOURS | STN Operating Hours Plus Help Desk Availability |
| NEWS LOGIN | Welcome Banner and News Items |
| NEWS IPC8 | For general information regarding STN implementation of IPC 8 |

Enter NEWS followed by the item number or name to see news on that specific topic.

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FILE 'REGISTRY' ENTERED AT 10:34:27 ON 05 JUN 2007
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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 4 JUN 2007 HIGHEST RN 936539-19-4
DICTIONARY FILE UPDATES: 4 JUN 2007 HIGHEST RN 936539-19-4

New CAS Information Use Policies, enter HELP USAGETERMS for details.

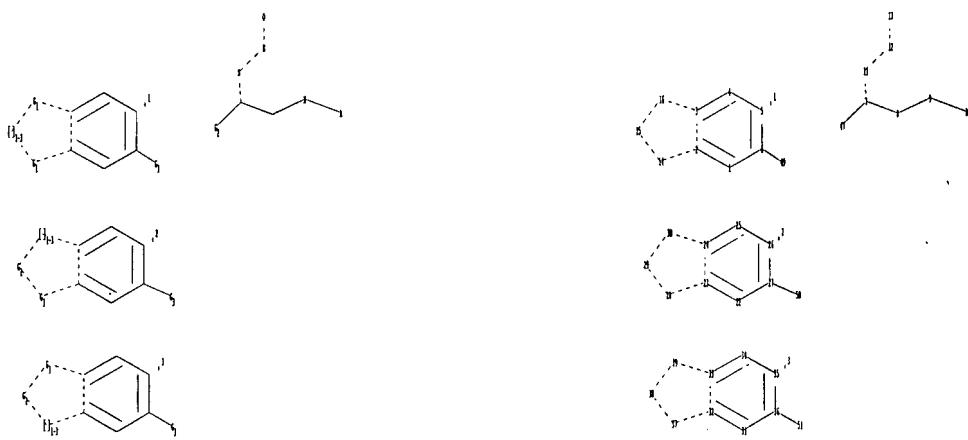
TSCA INFORMATION NOW CURRENT THROUGH December 2, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>
Uploading C:\Program Files\Stnexp\Queries\10512024\FAOM\a.str



chain nodes :

7 8 9 10 11 12 13 47 49 50 51

ring nodes :

1 2 3 4 5 6 14 15 16 22 23 24 25 26 27 28 29 30 31 32 33 34

35 36 37 38 39

chain bonds :

6-49 7-11 7-8 7-47 8-9 9-10 11-12 12-13 27-50 36-51

ring bonds :

1-2 1-6 2-3 2-14 3-4 3-16 4-5 5-6 14-15 15-16 22-23 22-27 23-24 23-28

24-25 24-30 25-26 26-27 28-29 29-30 31-32 31-36 32-33 32-37 33-34 33-39

34-35 35-36 37-38 38-39

exact/norm bonds :

2-3 2-14 3-4 3-16 6-49 7-11 7-8 7-47 8-9 9-10 11-12 12-13 14-15 15-16

23-24 23-28 24-25 24-30 27-50 28-29 29-30 32-33 32-37 33-34 33-39 36-51

37-38 38-39

Application No: 10/512,024

normalized bonds :

1-2 1-6 4-5 5-6 22-23 22-27 25-26 26-27 31-32 31-36 34-35 35-36

G1:O,S,N,C

G2:[*1],[*2],[*3]

G3:H,Ak

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS
11:CLASS 12:CLASS 13:CLASS 14:Atom 15:Atom 16:Atom 22:Atom 23:Atom 24:Atom
25:Atom 26:Atom 27:Atom 28:Atom 29:Atom 30:Atom 31:Atom 32:Atom 33:Atom
34:Atom 35:Atom 36:Atom 37:Atom 38:Atom 39:Atom 47:CLASS 49:CLASS 50:CLASS
51:CLASS

L1 STRUCTURE uploaded

=> d

L1 HAS NO ANSWERS

L1 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

=> s 11

SAMPLE SEARCH INITIATED 10:35:05 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 4 TO ITERATE

100.0% PROCESSED 4 ITERATIONS 1 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**

PROJECTED ITERATIONS: 4 TO 200
PROJECTED ANSWERS: 1 TO 80

L2 1 SEA SSS SAM L1

=> s 11 full

FULL SEARCH INITIATED 10:35:09 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 35 TO ITERATE

100.0% PROCESSED 35 ITERATIONS 4 ANSWERS
SEARCH TIME: 00.00.01

L3 4 SEA SSS FUL L1

=> file zcaplus
COST IN U.S. DOLLARS
FULL ESTIMATED COST

| SINCE FILE ENTRY | TOTAL SESSION |
|------------------|---------------|
| 172.10 | 172.31 |

FILE 'ZCAPPLUS' ENTERED AT 10:35:17 ON 05 JUN 2007

Application No: 10/512,024

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FILE COVERS 1907 - 5 Jun 2007 VOL 146 ISS 24
FILE LAST UPDATED: 4 Jun 2007 (20070604/ED)

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- This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 13
L4 1 L3

=> d ibib hitstr

L4 ANSWER 1 OF 1 ZCAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2003:855797 ZCAPLUS
DOCUMENT NUMBER: 139:350628
TITLE: Preparation of pyrrolidine derivatives having nitric oxide donor groups or reactive oxygen species scavenger groups for treatment of respiratory disorders
INVENTOR(S): Haj-Yehia, Abdullah Ibrahim
PATENT ASSIGNEE(S): Yissum Research Development Company of the Hebrew University of Jerusalem, Israel
SOURCE: PCT Int. Appl., 105 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|----------|
| WO 2003088961 | A1 | 20031030 | WO 2003-IL312 | 20030415 |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW | | | | |
| RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | | |
| AU 2003226603 | A1 | 20031103 | AU 2003-226603 | 20030415 |
| EP 1503754 | A1 | 20050209 | EP 2003-746878 | 20030415 |

| | | | | |
|--|----|----------|-----------------|------------|
| EP 1503754 | B1 | 20051123 | | |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK | | | | |
| JP 2005533013 | T | 20051104 | JP 2003-585713 | 20030415 |
| AT 310514 | T | 20051215 | AT 2003-746878 | 20030415 |
| US 2005228184 | A1 | 20051013 | US 2005-512024 | 20050509 |
| PRIORITY APPLN. INFO.: | | | US 2002-374173P | P 20020419 |
| | | | WO 2003-IL312 | W 20030415 |

OTHER SOURCE(S): MARPAT 139:350628

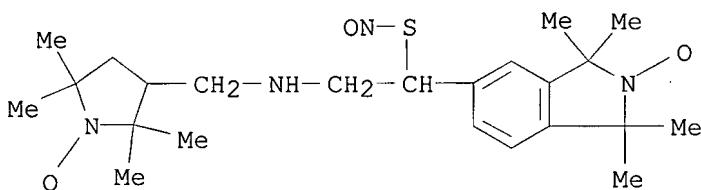
IT 618438-41-8P 618438-42-9P 618438-59-8P
618438-60-1P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(drug candidate; preparation of pyrrolidine derivs. having nitric oxide donor groups or reactive oxygen species scavenger groups for treatment of respiratory disorders)

RN 618438-41-8 ZCAPLUS

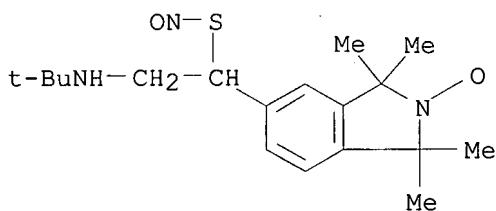
CN 2H-Isoindol-2-yloxy, 1,3-dihydro-1,1,3,3-tetramethyl-5-[1-(nitrosothio)-2-[(2,2,5,5-tetramethyl-1-oxy-3-pyrrolidinyl)methyl]amino]ethyl]-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 618438-42-9 ZCAPLUS

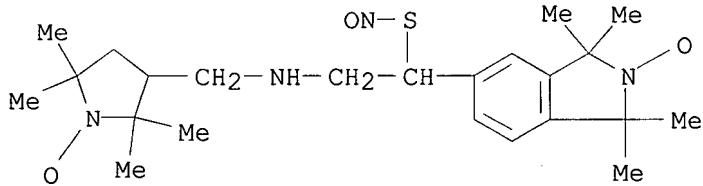
CN 2H-Isoindol-2-yloxy, 5-[2-[(1,1-dimethylethyl)amino]-1-(nitrosothio)ethyl]-, 1,3-dihydro-1,1,3,3-tetramethyl-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

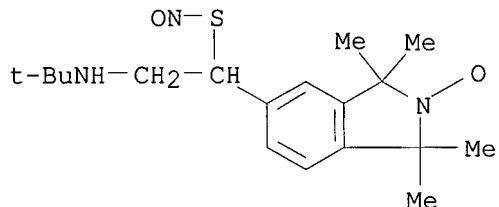
RN 618438-59-8 ZCAPLUS

CN 2H-Isoindol-2-yloxy, 1,3-dihydro-1,1,3,3-tetramethyl-5-[1-(nitrosothio)-2-[(2,2,5,5-tetramethyl-1-oxy-3-pyrrolidinyl)methyl]amino]ethyl]- (9CI) (CA INDEX NAME)



RN 618438-60-1 ZCAPLUS

CN 2H-Isoindol-2-yloxy, 5-[2-[(1,1-dimethylethyl)amino]-1-(nitrosothio)ethyl]-1,3-dihydro-1,1,3,3-tetramethyl- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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|----------------------|------------------|---------------|
| FULL ESTIMATED COST | 3.86 | 176.17 |

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